

4. (3/62)


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Friedheim

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[54] **SUPERHEATED VAPOR GENERATOR AND CONTROL SYSTEM AND METHOD**

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[52] U.S. Cl. **392/399; 392/396**

[58] Field of Search **392/399, 401-406, 392/396; 122/40; 38/77.9, 77.6**

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[57] **ABSTRACT**

A superheated vapor generator and control system includes a vapor generator having an interior vapor generating chamber with peripheral surfaces having a plurality of ridges and grooves, preferably of substantially randomly varying heights and depths and preferably having a plurality of grooves and ridges intersecting the first-mentioned grooves and ridges, the second-mentioned ridges and grooves preferably varying substantially randomly in height and depth. A hand-held control member includes parts for controlling generation of superheated vapor and for directing such vapor to desired objects. A method for fabricating a superheated vapor generator includes machining inner portions of sections of heat conductive material to form grooves and ridges and then welding the parts together to form a closed interior vapor generation chamber.

41 Claims, 6 Drawing Sheets

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